

Abstract of the Disclosure

The invention relates to the use of a protein mutation method for preparing detoxified and immunogenic mutants of the wild-type HIV-1 virus Tat-protein. The invention also relates to a method for preparing detoxified and immunogenic mutants of the wild-type HIV-1 virus Tat-protein, comprising a first step in which wild-type Tat-protein mutants are prepared, a second step in which detoxified mutants having no transcellular activity but an altered nuclear localization are screened, and a third step in which immunogenic mutants capable of inducing antibodies directed against both mutants and the wild Tat protein are screened. Steps two and three are reversible.